

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE
(REV. 8-83) PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.:
11-2 (200011.002)

09/511972
APPLICATION NO.:
Not Yet Assigned

INFORMATION DISCLOSURE CITATION

(Form PTO-1449 Modified 5/95)
(Use several sheets if necessary)

JUN 26 2000

APPLICANT:
Skurkovich et al.

FILING DATE:
February 24, 2000

GROUP ART UNIT:
1646

U.S. PATENT DOCUMENTS

EX. INIT	DOCU MENT	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
PM	PM	4,902,506	February 1990	Anderson			
		5,168,053	December 1992	Altman et al.			
		5,190,931	March 1993	Inouye			
		5,023,243	June 1991	Tullis			
		5,034,506	July 1991	Summerton et al.			

FOREIGN PATENT DOCUMENTS

EX. INIT	DOCU MENT	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
PM	✓	WO92/07065	April 1992	International			
	✓	WO94/17810	August 1994	International			
	✓	WO94/23744	October 1994	International			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PM	✓	Barbas, 1995, Nature Medicine 1:837-839
PM	✓	Bini et al., 1999, Mayo Clin. Proc. 74:367-370

EXAMINER Reema Mamt

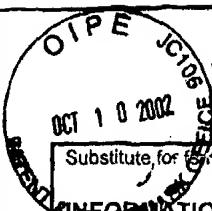
DATE CONSIDERED

10/9/03

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified) (REV. 8-83)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NO.: 11-2 (200011.0002)	APPLICATION NO. Not Yet Assigned
		JUN 26 2000 U.S. PATENT & TRADEMARK OFFICE		APPLICANT: Skurkovich et al.	
INFORMATION DISCLOSURE CITATION (Form PTO-1449 Modified 5/95) (Use several sheets if necessary)				FILING DATE: February 24, 2000	GROUP ART UNIT: 1646
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
PM	<input checked="" type="checkbox"/>	Bini et al., 1999, Mayo Clin. Proc. 74:367-370			
	<input checked="" type="checkbox"/>	Burger et al., 1991, J. Gen. Virol. 72:359-367			
	<input checked="" type="checkbox"/>	Burton et al., 1994, Adv. Immunol. 57:191-280			
	<input checked="" type="checkbox"/>	Carelli et al., 1992, Biomed. and Pharmacother. 46:149-153			
	<input checked="" type="checkbox"/>	Cech et al., 1992, J. Biol. Chem. 267:17479-17482			
	<input checked="" type="checkbox"/>	Cech, 1988, J. Amer. Med. Assn. 260:3030			
	<input checked="" type="checkbox"/>	Chu et al., 1983, Infn. Immun. 40:245-256			
	<input checked="" type="checkbox"/>	Coffman, 1996, In: Cytokine Regulation of Humoral Immunity, pp. 379-389, Snapper, ed., John Wiley and Sons, New York			
	<input checked="" type="checkbox"/>	Coffman and Carty, 1986, J. Immunol. 136:949-954			
	<input checked="" type="checkbox"/>	Cohen, 1993, Science 259:1691-1692			
	<input checked="" type="checkbox"/>	Cranage et al., 1986, EMBO J. 5:3057-3063			
	<input checked="" type="checkbox"/>	de Kruif et al. 1995, J. Mol. Biol. 248:97-105			
	<input checked="" type="checkbox"/>	Drazen et al., 1999, New Eng. J. Med. 340:197-206			
	<input checked="" type="checkbox"/>	Finkelman et al., 1986, Proc. Natl. Acad. Sci. USA 83:9675-9678			
	<input checked="" type="checkbox"/>	Finkelman et al., 1988, J. Immunol. 140:1022-1027			
	<input checked="" type="checkbox"/>	Finkelman et al., 1988, J. Immunol. 141:2335-2341			
	<input checked="" type="checkbox"/>	Fynan et al., 1993, Proc. Natl. Acad. Sci. 90:11478-11482			
	<input checked="" type="checkbox"/>	Hagiwara and Klinman (1996, In: Cytokine Regulation of Humoral Immunity, pp. 409-430, Snapper, ed., John Wiley and Sons, New York			
	<input checked="" type="checkbox"/>	Hampel and Tritz, 1989, Biochemistry 28:4929-4933			
	<input checked="" type="checkbox"/>	Hasselhoff and Gerlach, 1988, Nature 334:585			
	<input checked="" type="checkbox"/>	Huston et al., 1988, Proc. Natl. Acad. Sci. U.S.A. 85:5879-5883			
	<input checked="" type="checkbox"/>	Kay et al., 1997, Int. Arch. Allergy Immunol. 113:196-199			
	<input checked="" type="checkbox"/>	Lee et al., 1997, J. Exp. Med. 185:2143-2156			
EXAMINER <i>Prema Meng</i>		DATE CONSIDERED <i>10/9/03</i>			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

Form PTO-1449 (Modified) (REV. 8-83) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NO.: 11-2 (200011.0002)	APPLICATION NO. Not Yet Assigned
INFORMATION DISCLOSURE CITATION (Form PTO-1449 Modified 5/95) (Use several sheets if necessary)		APPLICANT: Skurkovich et al.	
		FILING DATE: February 24, 2000	GROUP ART UNIT: 164
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
PM	✓	King et al., 1989, Proc. Natl. Acad. Sci. USA 86:10085-10089	
	✓	Krasnowska et al., 1992, Arch. Immunol. Ther. Exp. (Warsz) 40:75-78	
	✓	Kuhn et al., 1991, Science 254:707-710	
	✓	Kung et al., 1995, Inflamm. Res. 44:S185-S186	
	✓	Kung et al., 1995, Inflamm. Res. 44:S185-S186	
	✓	Marcus-Sakura, 1988, Anal. Biochem. 172:289	
	✓	Marks et al., 1991, J. Mol. Biol. 222:581-597	
	✓	Nielson et al., 1991, Science 254:1497	
	✓	Pearce et al., 1990, Thorax 45:170-175	
	✓	Reilly et al., 1997, Clin. Pharmacol. 32:313-323	
	✓	Romagnani, 1994, Annu. Rev. Immunol. 12:227-257	
	✓	Sanderson et al., 1986, Proc. Natl. Acad. Sci. USA 83:437-440	
	✓	Seder and Gurunathan, 1999, New. Eng. J. Med. 341:277-278	
	✓	Sher and Coffman, 1992, Annu. Rev. Immunol. 10:385-409	
	✓	Snapper, 1996, In: Cytokine Regulation of Humoral Immunity, pp. 324-346	
	✓	Snapper, ed., John Wiley and Sons, New York; de Vries and Punnonen, <i>Ibid.</i> at pp. 195-215 Tanaka et al., 1996, In: Cytokine Regulation of Humoral Immunity, pp. 251-272, Snapper, ed., John Wiley and Sons, New York	
	✓	Thompson-Snipes et al., 1991, J. Exp. Med. 173:507-510	
	✓	von der Weid et al., 1994, Eur. J. Immunol. 24:2285-2293	
	✓	Weintraub, 1990, Scientific American 262:40	
	✓	Wierenga et al., 1990, J. Immunol. 144:4651-4656	
	✓	Wolff et al., 1991, Biotechniques 11:474-485	
	✓	Wright et al., 1992, Critical Rev. Immunol. 12:125-168	
	✓	Yssel et al., 1992, J. Immunol. 148:738-745	
EXAMINER <i>Premra Meny</i>		DATE CONSIDERED <i>10/9/03</i>	
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			



Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Sheet

1

of

2

Complete If Known

Application Number 09/511,972
Filing Date February 24, 2000
First Named Inventor Boris Skurkovich et al.
Group Art Unit 1614 1646
Examiner Name Not Yet Assigned — Prema Meny
Attorney Docket Number 053663-5004 (011-2)

4 of 4

TECH CENTER 1600
OCT 11 2003
RECEIVED

U.S. PATENT DOCUMENTS

Exr Initials	U.S. Patent Document		Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number	Kind Code (if known)		
PM	5,840,869		Mosley et al.	11-24-1998
PM	5,858,682		Gruenwald et al.	01-12-1999

FOREIGN PATENT DOCUMENTS

Exr Initials	Foreign Patent Document			Date of Publication of Cited Document MM-DD-YYYY	
	Country Code	Number	Kind Code (if known)	Name of Inventor or Applicant of Cited Document	
PM ✓		95/26365		United Biomedical, Inc.	10-05-1995

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exr Initials	Include Name of Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T,
PM ✓	deVRIES JE, "Novel Fundamental Approaches To Intervening In IgE-Mediated Allergic Diseases," J. Invest. Dermatol. pp. 141-144, 1994, 102(2).	
✓	PIERKES ET AL., "Decreased release of histamine and sulfidoleukotrienes by human peripheral blood leukocytes after wasp venom immunotherapy is partially due to induction of IL-10 and IFN-γ production of T cells," J. Allergy Clin. Immunology 151(1) pp 52-64 (1993).	
✓	IKIZAWA ET AL., "Inhibition of IL-4 receptor up-regulation on B cells by antisense oligodeoxynucleotide suppresses IL-4-induced human IgE production," Clin. Exp. Immunology 1995, 100(3) pp. 383-389.	
✓	RENZ ET AL., "Inhibition Of Allergen-Induced IgE and IgG1 Production By Soluble IL-4 Receptor," Int. Arch. Allergy Immunol. 106(1) pp 46-54 (1995).	
✓	HARUNA ET AL., "The Secondary Antigen-Specific IgE Response in Murine Lymphocytes Is Resistant To Blockade by Anti-IL4 Antibody and an Antisense Oligodeoxynucleotide for IL4 mRNA," Cellular Immunology 151(1) pp. 52-64 (1993).	
✓	CHAN ET AL., "Altered Prostaglandin E ₂ Regulation Of Cytokine Production in Atopic Dermatitis," J. Immunol. 151 pp 3345-3352 (1993).	
✓	RAZ ET AL., "Preferential Induction of a Th ₁ immune response and inhibition of specific IgE antibody formation by plasmid DNA immunization," Proc. Natl. Acad. Sci. Vol. 93, pp. 5141-5145 (1996)	
Examiner Signature	Prema Meny	Date Considered 10/9/03